

Express Mail No. EM 425 812 289 US

TRW Docket No. 11685US02

J1033 U.S. PTO
09/849144
05/04/01
#2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

Ornan A. Gerstel et al.

SERIAL NO.: Unassigned

FILED:

FOR: FAULT MANAGEMENT IN A
MULTICHANNEL TRANSMISSION
SYSTEM

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sirs:

Pursuant to 37 C.F.R. § 1.56, it is respectfully requested
that the following references be considered in the examination of
the above-identified patent application:

USP 5,313,456	to Sugawara
USP 5,434,691	to Yamane
USP 5,331,631	to Teraslinna
USP 4,365,247	to Bargeton et al.
USP 5,113,391	to Gupta et al
USP 5,214,692	to Chack et al.
USP 4,993,019	to Cole et al.
USP 4,056,687	to Sims
USP 4,797,874	to Chahabadi et al.
European 0 437 198 A1	
German DE 3633057 A1	

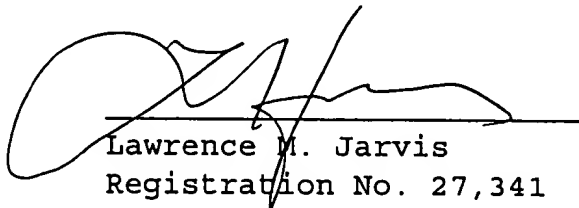
The above-identified reference(s) are listed on the attached

PTO Form 1449 and copies are also enclosed herewith.

This submission, is in no way intended as an admission that the above-cited references constitute prior art under any subsection of 35 U.S.C. § 102. Applicant expressly retains the right to take any actions necessary to remove the above-cited references from the available prior art.

Consideration of the above-identified references in the examination of the present patent application is respectfully requested.

Respectfully submitted,



Lawrence M. Jarvis
Registration No. 27,341

March 16, 1998

Date

Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

SERIAL NO.

11685US02

Unassigned

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

APPLICANT:

Oman A. Gerstel et al.

FILING DATE

GROUP
ART UNIT:J1033 U.S. PTO
09/849144

05/04/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,313,456	5/17/94	Sugawara			
	B	5,434,691	7/18/95	Yamane			
	C	5,331,631	7/19/94	Teraslinna			
	D	4,365,247	12/21/82	Bargeton et al.			
	E	5,113,391	5/12/92	Gupta et al.			
	F	5,214,692	5/25/93	Chack et al.			
	G	4,993,019	2/12/91	Cole et al.			
	H	4,056,687	11/01/77	Sims			
	I	4,797,874	1/10/89	Chahabadi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
								NO
	J	0 437 198 A1	1/02/91	EPO				
	K	DE 3633057 A1	3/31/88	Germany				
	L							
	M							
	N							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AA	Display exhibits at the Cincinnati Fire Show 3/23/94 showing On/Off switch, dimmer, battery and liquid crystal.
	BB	
	CC	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		